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*27 Jul
AD/ER*

S. [unclear] C. [unclear] orig

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S-E-C-R-E-T

7

27 July 1959

MEMORANDUM FOR: AD/ORR

SUBJECT: Intelligence Production on the Soviet Arctic in the
DD/I Area for Fiscal Year 1959

1. The attached list is a compilation of intelligence production concerned exclusively or to a large extent with the Soviet Arctic which was produced within ORR, OSI, and OCI during fiscal year 1959. The list can be used by members of the Soviet Arctic Intelligence Working Group and other interested persons as an aid in preventing duplication of effort, filling in gaps in coverage, and keeping abreast of intelligence production on the Soviet Arctic within the DD/I Area.

2. The list updates a previous one which was distributed in August 1957. It is anticipated that the next list will be issued in early 1960.

[REDACTED]
Chairman,
Soviet Arctic Intelligence Working Group

25X1A9a

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SC 04797/59

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INTELLIGENCE PRODUCTION ON THE SOVIET ARCTIC IN THE DD/I AREA FOR FISCAL YEAR 1959

DDR REPORTS

<u>Title</u>	<u>Description of Contents</u>	<u>Originating Branch</u>	<u>Author(s)</u>	<u>Submission Date</u>	<u>Due Date</u>	<u>Publication Date</u>	<u>Form of Publication or Place of Availability</u>	<u>Classification</u>	<u>Releasable Outside CIA</u>
Urban Area of Noril'sk 25X1C	A geographical analysis of economic and strategic importance of the city, including a description of its industrial, commercial, and residential areas, power supply, and transportation facilities.	GG/S	[REDACTED]	Dec 56 25X1A9a		Jul 58	CIA/RR-G-22	[REDACTED]	25X1X7
		GG/S	[REDACTED]	Jul 58	Aug 58	Aug 58	CIA/RR-G/I 258	SECRET	Requester Only
		GG/S	[REDACTED]		Sep 58	CIA/RR-GR 194	SECRET	Requester Only	
Geographical Analysis of the Northern Urals Region	Description of topography, soils, vegetation, water supply, climate and economy of Northern Urals Region.	GG/S	[REDACTED]	Oct 58	Oct 58	Oct 58	CIA/RR-G/I 270	SECRET	Requester Only

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<u>Title</u>	<u>Description of Contents</u>	<u>Originating Branch</u>	<u>Author(s)</u>	<u>Submission Date</u>	<u>Due Date</u>	<u>Publication Date</u>	<u>Form of Publication or Place of Availability</u>	<u>Classification</u>	<u>Releasable Outside CIA</u>
Novaya Zemlya	Contribution to an OGI briefing for DCI on Novaya Zemlya.	GG/S	[REDACTED]	Oct 58	Oct 58	Oct 58	CIA/RR-G/S 39	SECRET	Requester Only
Geological Map of the Soviet Arctic 25X1X4	Appraisal of a 4-sheet geological map of the Soviet Arctic.	GG/S	[REDACTED]	Jul 58		Dec 58	CIA/RR-MR 56	SECRET	Releasable
25X1A2g		GG/S	[REDACTED]	Nov 58		Feb 59	CIA/RR-GR 59-3	SECRET	Requester Only
25X1A9a									25X1X7
The Soviet Arctic 25X1X4	This project updates The Soviet Arctic, G-15, on the basis of new information from all sources received since publication of the regional study in December 1956.	GG/S	[REDACTED]	Mar 58		Jul 58	CIA/PR-G 59-1	[REDACTED]	
		GG/S	[REDACTED]	Apr 59			CIA/RR-GR	SECRET	Requester Only

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Construction Activities in the Kamchatka-Chukotka Area	Analysis of military construction in subject area.	S/CST	[REDACTED]			17 Jul 58	CIAWR, III	TS CODEWORD/ NOFORN/CONTINUED CONTROL	Noforn/ Continued Control
25X1D NSA									
[REDACTED]	This contribution consisted of information on economic and military construction which has been underway in the Soviet Arctic since 1955.	S/CST	[REDACTED]	Oct 58		29 Jun 59	CIA/SC/RR 59-7	TS CODEWORD	Releasable
Military Airfield Construction in the USSR, 1948-1958	A report on the cost and development of USSR military airfields.	S/CST	[REDACTED]	Apr 59		6 Jul 59	CIA/SC/RR 59-9	TS CODEWORD/ NOFORN/CONTINUED CONTROL	Noforn/ Continued Control
Communications Construction Unit of GUSMP may do Contract Work for the Sakhalin Construction Trust		S/CST	25X1A9a			4 Jul 58	SIS to CID	TS CODEWORD/ NOFORN/CONTINUED CONTROL	Noforn/ Continued Control
Significant Construction Work may be Near Completion in the Anadyr' Area		S/CST	[REDACTED]			10 Jul 58	SIS to CID	TS CODEWORD/ NOFORN/CONTINUED CONTROL	Noforn/ Continued Control
The Organization of Military Construction in the USSR		S/CST	[REDACTED]			29 Sep 58	CSM 607	TS CODEWORD/ NOFORN/CONTINUED CONTROL	Noforn/ Continued Control

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Wrangel Island is Site of Significant Construction		S/CSF				7 Oct 58	SIS to CID	TS CODEWORD / NOFORN/CONTINUED CONTROL	Notorn / Continued Control
Special Construction may be Underway in the Transbaykal MD	25X1D NSA	S/CSF				19 Jan 59	SIS to CID	TS CODEWORD / NOFORN/CONTINUED CONTROL	Notorn / Continued Control
		S/CCM		25X1A9a		1 Dec 58	Originating Branch	TS CODEWORD	Releasable
Significant Northern Sea Route Activities, 1954-58	This report presents background data on maritime administration, weather conditions, type of merchant ships employed, crossings by merchant and naval vessels, wintering of ships, and different types and movements of cargo.	S/TR		Dec 58	Feb 57	23 Mar 59	CIA/SC/RR 59-5	TS CODEWORD	Releasable
Factors Affecting Soviet Deployment of Long-Range Guided Missiles in the Polar Urals Area.	Evaluation of the capability of available transport facilities in the Polar Urals Area to support a major guided missile facility.	S/TR		Oct 58	Oct 58	Oct 58	Originating Branch	TS CODEWORD	Releasable

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OSI REPORTS

<u>Title</u>	<u>Description of Contents</u>	<u>Originating Branch</u>	<u>Author(s)</u>	<u>Submission Date</u>	<u>Due Date</u>	<u>Publication Date</u>	<u>Form of Publication or Place of Availability</u>	<u>Classification</u>	<u>Releasable Outside CIA</u>
Characteristics of Soviet Nuclear Test Operations at Novaya Zemlya		NED			Jun 59			TOP SECRET	
Soviet Capabilities in Permafrost Science		GPB/FSD		25X1A9a	Feb 59			SECRET	Releasable
Current Soviet Progress in Arctic Geophysical Research		GPB/FSD			Feb 59	CIA/SI 6-59	CONFIDENTIAL	Releasable	
Soviet Experiments on Accelerating the Thawing of Ice and Snow					22 Sep 58	SID 58-19	SECRET//NOFORN	NoForN	
Designers of Soviet Nuclear Icebreaker Identified					6 Oct 58	SID 58-20	SECRET//NOFORN	NoForN	
New Ice Reconnaissance Techniques Used Along the Northern Sea Route					20 Oct 58	SID 58-21	SECRET//NOFORN	NoForN	
Soviets Preparing Bathymetric Charts for Approach to Arctic Basin					17 Nov 58	SID 58-23	SECRET//NOFORN	NoForN	
Soviet Drifting Automatic Radio Meteorological Stations may have Exhausted Their Power Supply					3 Oct 58	SID 58-5	TS CODEWORD//NOFORN	NoForN	
Soviet Establishing New Drifting Automatic Radio Meteorological Stations in the Arctic					3 Nov 58	SID 58-22	TS CODEWORD//NOFORN	NoForN	

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OCIA REPORTS

<u>Title</u>	<u>Description of Contents</u>	<u>Originating Branch</u>	<u>Author(s)</u>	<u>Submission Date</u>	<u>Due Date</u>	<u>Publication Date</u>	<u>Form of Publication or Place of Availability</u>	<u>Classification</u>	<u>Releasable Outside CIA</u>
Status Report on Northern Sea Route Operations						31 Jul 58	CIWR	TS CODEWORD/ NOFORN/CONTINUED CONTROL	Noform/ Continued Control
Soviet Air Force Missile Unit Participates in Naval Exercises						23 Sep 58	CIB	TS CODEWORD/ NOFORN/CONTINUED CONTROL	Noform/ Continue Control
Ice Conditions Turn Back Northern Sea Route Convoys						25 Sep 58	CIWR	TS CODEWORD/ NOFORN/CONTINUED CONTROL	Noform/ Continued Control
USSR Resumes Nuclear Test Activity at Novaya Zemlya						2 Oct 58	CIWR	TS CODEWORD/ NOFORN/CONTINUED CONTROL	Noform/ Continued Control
Unidentified Ministry of Defense Organization at Tiksi Shows Interest in Arctic Nuclear Test Area						14 Oct 58	SIS to CID	TS CODEWORD/ NOFORN/CONTINUED CONTROL	Noform/ Continued Control
Northern Sea Route 1958 Seen Concluded						26 Nov 58	CIWR	TS CODEWORD/ NOFORN/CONTINUED CONTROL	Noform/ Continue Control
Activity in Soviet Central Arctic May be Related to Missiles						31 Dec 58	CIWR	TS CODEWORD/ NOFORN/CONTINUED CONTROL	Noform/ Continued Control
Soviet Arctic Drift Station No. 7 Breaking Up						12 Jan 59	SIS TO CID	TS CODEWORD/ NOFORN/CONTINUED CONTROL	Noform/ Continued Control

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USSR Plans to Establish New Drift Station						20 Mar 59	SIS to CID	TS CODEWORD/ NOFORN/CONTINUED CONTROL	Noform/ Continued Control
USSR Plans Improved Supply System in Arctic	25X1D NSA					2 Apr 59	CINR	TS CODEWORD/ NOFORN/CONTINUED CONTROL	Noform/ Continued Control
						3 Apr 59	SIS to CID	TS CODEWORD/ NOFORN/CONTINUED CONTROL	Noform/ Continued Control

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CENTRAL INTELLIGENCE AGENCY
CODEWORD ROUTING SHEET

TO		INITIALS	DATE
1	AD/RR	039	21 July
2	ST/PPB/C - file		
3			
4			
5			
6			
FROM		INITIALS	DATE
1	Chief, D/I/RR		
2			
3			

Approval Information Signature
 Action Direct Reply Return
 Comment Preparation of Reply Dispatch
 Concurrence Recommendation File

REMARKS:

APPENDED DOCUMENT CONTAINS CODEWORD MATERIAL

Appended document contains classified information within
the meaning of Section 798, Title 18, United States Code.

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17 JUL 1959

MEMORANDUM FOR: Director, National Security Agency

SUBJECT: [REDACTED]

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& NSA

1. I wish to thank you and your staff for the excellent briefing presented to me and other CIA personnel in response to my memorandum of 4 June 1959. As a result of these presentations, especially that of [REDACTED] I have a better understanding of the magnitude and complexity of the analysis [REDACTED]

25X1D1a

& NSA

2. I am, of course, understandably disappointed to learn that, after reviewing NSA's resources and other priority requirements, NSA feels that it cannot allocate more resources to the [REDACTED]

25X1D1a

& NSA

25X9A8

[REDACTED]

25X1D1a

& NSA

4. Following your briefing, I discussed this matter with members of my staff and we are now prepared to limit our initial basic requirement [REDACTED] to, say, the 15 or 20 most important target cities on the current suspect list. I would like to have your agreement to accept such a requirement with the understanding that it will be our mutual objective to complete the study of these 15 or 20 targets within one year. I can assure you that in the meantime CIA personnel will continue to work closely with members of your staff in an effort to

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& NSA

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& NSA

SUBJECT: [REDACTED]

determine how we can bring the available data to bear more promptly on intelligence priorities. I intend to keep in close touch with this activity, and I have asked my staff to provide me with quarterly briefings on our progress.

5. It appeared from your briefing that NSA's current method of operation normally requires the analyst to reconsider all the raw data every time a new requirement is levied, even though many of [REDACTED] have been judged valid in response to previous requirements. It would seem that much effort could be saved and more intelligence derived from past work if a way were found to permanently record, in some manipulable machine system, those flights which have been validated. This validated information could then be provided to producing agencies for use with other information in obtaining a truly all-source approach to the problem.

6. My thanks again to you and your staff for the very helpful briefing and for your continuing cooperation.

25X1A

[REDACTED]
ROBERT AMORY, JR.

Prepared in
D/I/RK

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